

FIG 1

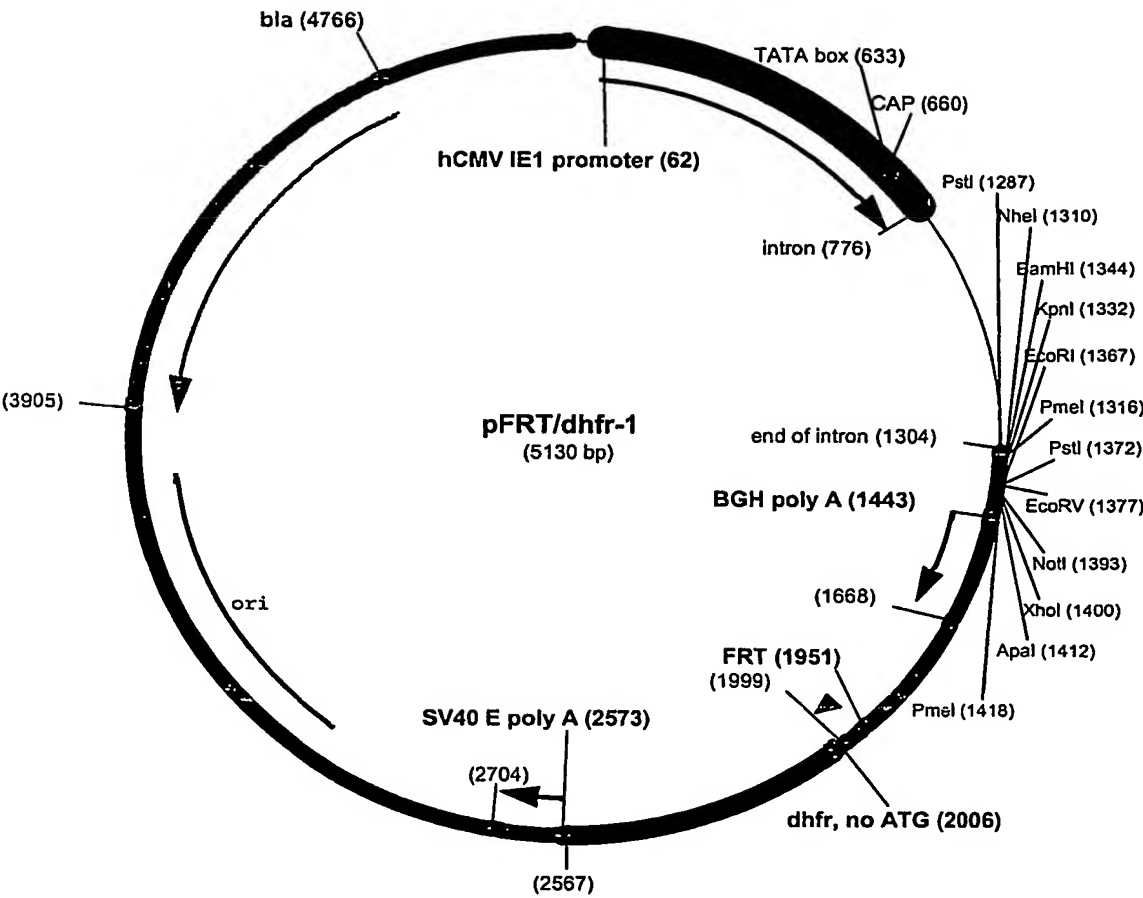


FIG 2

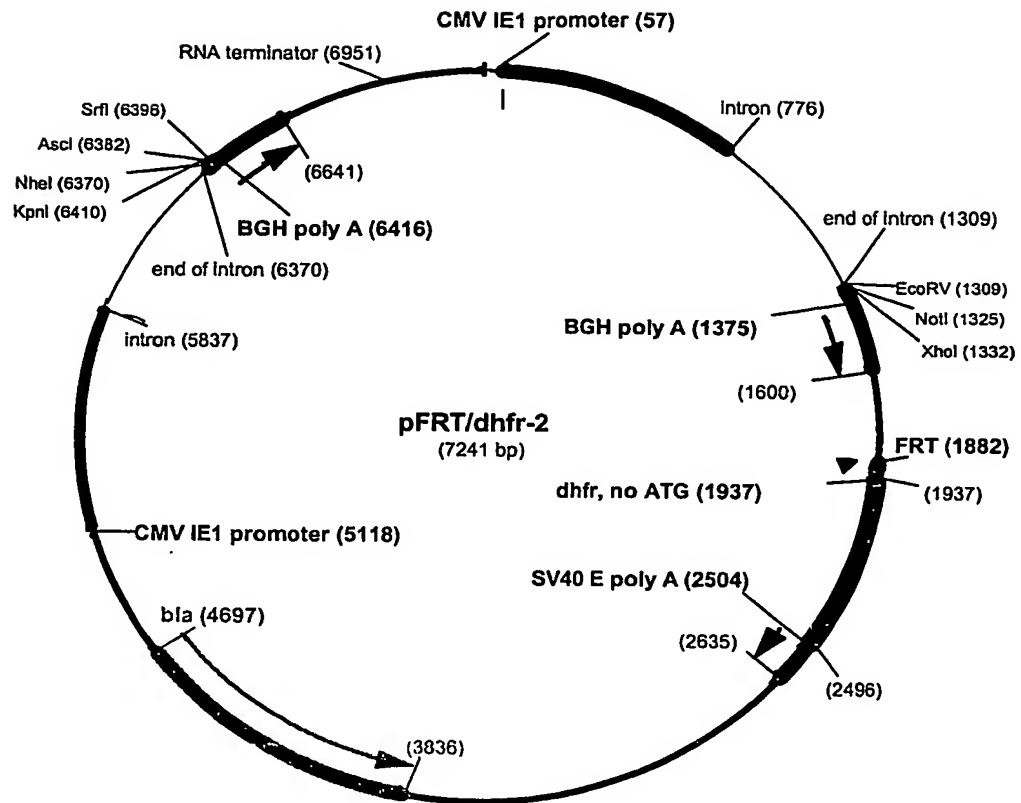


FIG. 3

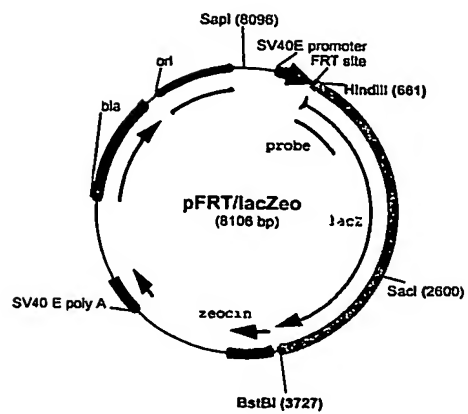


FIG. 4

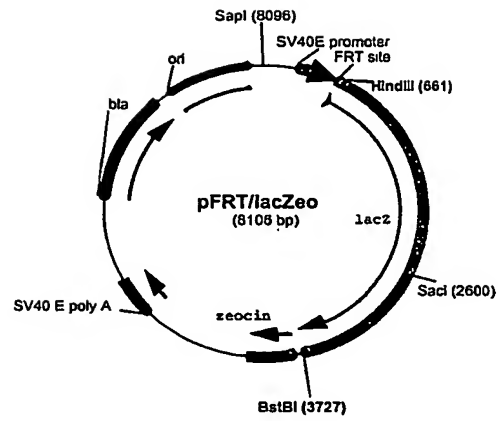


FIG. 5

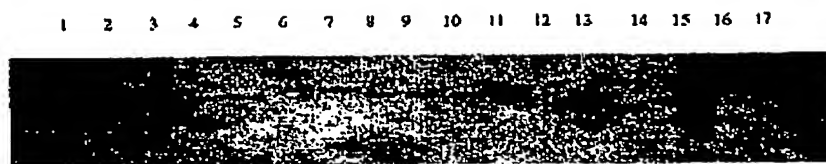


FIG. 6

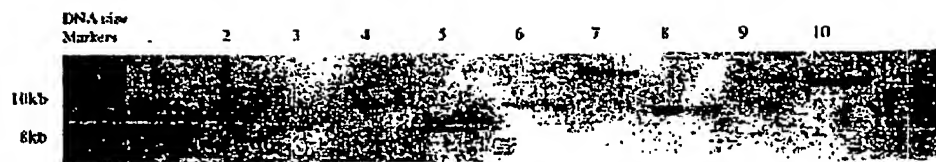


FIG. 7

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cgcggtGTGAGCGGATAACAATTTACACAGGAAACAGCTATGACCATGATTACGCCAAGCTTGACATTGATTATT  
GACTAGTTTAAATAGTAATCAATTACGGGGTCATTAGTTTCATAGCCCATATATGGAGTTCCGCGTTACATAACT  
TACGGTAAATGGCCCCCTGGCTGACCGCCCAACGACCCCCGCCATTGACGTCAATAATGACGTATGTTCCC  
ATAGTAACGCCAATAGGGACTTTCCATTGACGTCAATGGGTGGAGTATTTACGGTAAACTGCCCACTTGGCAG  
TACATCAAGTGTATCATATGCCAAGTACGCCCCCTATTGACGTCAATGACGGTAAATGGCCCCCTGGCATTAT  
GCCCCAGTACATGACCTTATGGGACTTTCCCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGT  
GATGCGGTTTTTGGCAGTACATCAATGGGCGTGGATAGCGGTTTTGACTCACGGGGATTTCGAAGTCTCCACCC  
CATTGACGTCAATGGGAGTTTTGTTTTGGCACCAAAATCAACGGGACTTTCCAAAATGTCTGAACAACTCCCGC  
CCCATTGACGCAAATGGGCGGTAGGCGGTGACGGTGGGAGGTCTATATAAGCAGAGCTCGTTTATGTAACCG  
TCAGATCGCCTGGAGACGCCATCCACGCTGTTTTGACCTCCATAGAAGACACCGGGACCGATCCAGCCTCCG  
CGGCCGGGAACGGTGCATTGGAACGCGGATTCCCGGTGCCAAGAGTGACGTAAGTACCGCCTATAGAGTCTA  
TAGGCCCAACCCCTTGGCTTCTTATGCATGCTATACTGTTTTTGGCTTGGGGTCTATACACCCCGCTTCCTCAT  
GTTATAGGTGATAGCTTAGCCCTATAGCTTATGACCATATTGACCACTCCCTTATTGGTGACG  
ATACITTTCCATTACTAATCCATAACATGGCTCTTTGCCACAACTCTCTTATTGGCTATATGCCAATACACTGTC  
CTTCAGAGACTGACACGGACTCTGTATTTTACAGGATGGGGTCTCATTTATTATTACAAATTCACATATACA  
ACACCACCGTCCCCAGTGCCCGCAGTTTTTATTAACATAACGTGGGATCTCCACGCGAATCTCGGGTACGTG  
TTCCGGAACGGTGGAGGGCAGTGTAGTCTGAGCAGTACTCGTTGCTGCCGCGCGCGCCACAGACATAATAG  
CTGACAGACTAACAGACTGTTCTTTCCATGGGTCTTTTCTGCAGTCACCGTCTTTCACACGCTAGCGTTTA  
AACTTAAGCTTGGTACCGAGCTCGGATCCACTAGTCCAGTGTGGTGGAATTCTGCAGATATCCAGCAGCATGTG  
GCGGCCGCTCGAGTCTAGAGGGCCCGTTTTAAACCCGCTGATCAGCCTCGACTGTGCCTTCTAGTTGCCAGCC  
ATCTGTTGTTGGTCCCTCCCGGTGCCTTCCTTGACCTGGAAAGGTGCCACTCCCACTGCTTTCTCTAATAA  
AATGAGGAAATTGCATCGCATTGTCTGAGTAGGTGTCTATTCTGGGGGTGGGGTGGGGCAGGACAGC  
AAGGGGGAGGATTGGGAAGACAATAGCAGGCATGCTGGGGATGCGGTGGGCTCTATGGCTTCTGAGGCGGA  
AAGAACCAGCTGGGGCTCTAGGGGGTATCCCCACGCGCCTGTAGCGGCGCATTACGCGCGCGGGGTGTGG  
TGGTTACGCGCAGCGTGACCGCTACACTTGCAGCGCCTTACGCGCCGCTCCTTTTCGCTTCTTCCCTTCTT  
TCTCGCACGTTCCGCGGCTTTCCCGTCAAGCTCTAAATCGGGGGTCCCTTTAGGGTTCCGATTATAGTGCT  
TTACGGCACCTCGACCCCAAAAACTTGATTAGGGTGTGGTTACGTACCTAGAAAGTTCTATTCCGAAAGTT  
CCTATTCTCTAGAAAGTATAGGAACCTTCTTGGGGTTCGACCATGAACTGCATCGTCGCGGTGCCAAAAAT  
ATGGGGATTGGCAAGAACGAGACCTACCTGGCCTCCGCTCAGGAACGAGTTCAAGTACTTCCAAAGAAAT  
GACCAACAACCTTTCAGTGGAAGGTAAACAGAACTGGTGATTATGGGTAGGAAAACTGGTTCTCCATTCC  
TGAGAAGAATCGACCTTTAAAGGACAGAATTAATATAGTTCTCAGTAGAGAACTCAAAGAACCACACGAGG  
AGCTCATTTTTCTTGCCAAAAGTTTGATGATGCCTTAAGACTTATTGAACAACCGGAATTGGCAAGTAAAGTA  
GACATGGTTTGGATAGTCGGAGGCAGTTCTGTTTACCAGGAAGCCATGAATCAACCAGGCCACCTCAGACTC  
TTTGTGACAAGGATCGAGGAATTGAAAGTGACAGCTTTCAGCGCCGCTCCTTTTCGCTTCTTCCCTTCTT  
TTCTCCAGAAATACCCAGGCGTCTCTCTGAGGTCCAGGAGGAAAAAGGCATCAAGTATAAGTTTGAAGTCT  
ACGAGAAGAAAGACTAAgatacAACTTGTATTGACGCTTATAATGGTTACAAATAAAGCAATAGCATCACAA  
ATTTACAAAATAAAGCATTTTTTCACTGCATTCTAGTTGTGGTTTGTCCAACTCATCAATGTATCTTATCATG  
TCTGtaTACCGTCAAGCTCTAGCTAGAGCTTGGCGTAACTCATGGTTCATAGCTGTTTCCGTGTGAAATTTGTTAT  
CCGCTCACAAATTCACACAAACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGC  
TAACCTCACATTAATTGCGTTGCGCTCACTGCCCCGTTTTCCAGTCGGGAAACCTGTGCGTCCAGCTGCATTAAT  
GAATCGGCCAACCGCGCGGGGAGAGGCGGTTTTGCGTATTGGGCGCTCTTCCGCTTCTCGCTCACTGACTCGC  
TGCGCTCGGTGCTTCCGCTGCGGCGAGCGGTATCAGCACTCAAAGGCGGTAATACGGTTATCCACAGAAT  
CAGGGGATAACGAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCG  
CGTTGCTGCGGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAATCGACGCTCAAGTCAGAGGT  
GGCGAAACCCGACAGGACTATAAAGATACAGGCGTTTTCCCGCTGGAAGCTCCCTCGTGCGCTCTCCTGTTT  
CGACCTGCGGCTTACCGGATACCTGTCCGCTTTCTCCCTTCGGGAAGCGTGGCGCTTTCTCATAGCTCACG  
CTGTAGGTATCTCAGTTCGGTGTAGGTGCTTCCGCTCAAGCTGGGCTGTGTGCACGAACCCCCGTTTACGCC  
CGACCGCTGCGCTTATCCGGTAACTATCGTCTTGAGTCCAACCCGTAAGACACGACTTATCGCCACTGGCA  
GCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGTACAGAGTTCTTGAAGTGGTGGCCT  
AACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGAAAAAGA  
GTTGGTAGCTCTTGATCCGGCAAAACAAACCCAGCTGGTAGCGGTGGTTTTTTTGTGTAAGCAGCAGGATT  
ACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGA  
AACTCACGTTAAGGGATTTTGGTCAATGAGATTATCAAAAAGGATCTTACCTAGATCCTTTTAAATTAATAAT  
GAAGTTTTAAATCAATCTAAAGTATATAGTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGC  
ACCTATCTCAGCGATCTGTCTATTTTCGTTTATCCATAGTTGCTGACTCCCGCTCGTGATAGATAACTACGATAC  
GGGAGGGCTTACCATCTGGCCCCAGTGCTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTAT  
CAGCAATAAACAGCCAGCCGGAAGGGCCGAGCGCAGAAAGTGGTCTGCAACTTTATCCGCCTCCATCCAG  
TCTATTAATTGTTGCCGGGAAGCTAGAGTAAGTATGCGCAGTTAATAGTTTTCGCAACGTTGTTGCCATTG  
CTACAGGCTAGTGGTGTACGCTCGTGTGGTATGGTTCATTCAAGCTCCGTTCCCAAGCTCAAGGCG  
AGTTACATGATCCCCATGTTGTGCAAAAAAGCGGTTAGCTCCTTCGGTCTCCGATCGTTGTACAGAAGTAAG  
TTGGCCGCACTGTTATCACTCATGTTATGGCAGCACTGCATAATTCTTACTGTCATG

FIG. 8A (SEQ ID NO:1)

CCATCCGTAAGATGCTTTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGAC  
CGAGTTGCTCTTGCCCGGCGTCAATACGGGATAATACCGCGCCACATAGCAGAACTTTAAAAGTGCTCATCAT  
TGGAAAACGTTCTTCGGGGCGAAAACTCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCAC  
TCGTGCACCCAACTGATCTTCAGCATCTTTTACTTTCAACGCGTTTCTGGGTGAGCAAAAACAGGAAGGCA  
AAATGCCGCAAAAAAGGGAATAAGGGCGACACGGAAATGTTGAATACTCATACTCTTCCTTTTCAATATTAT  
TGAAGCATTATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAACAAATAGG  
GGTTCCGCGCACATTTCCCGAAAAAGTGCCACCTGACGTCGACGGATCGGGAGATCTCCCGATCCCCTATGG  
TGCACTCTCAGTACAATCTGCTCTGATGCCGCATAGTTAAGCCAGTATCTGCTCCCTGCTTGTGTGTTGGAGG  
TCGCTGAGTAGTGC GCGAGCAAAATTTAAGCTACAACAAGGCAAGGCTTGACCGACAATTGCATGAAGAAT  
CTGCTTAGGGTTAGGCGTTTTGCGCTGCTTCGCGATGTACGGGCCAGATATA

**FIG. 8B (SEQ ID NO:1, cont.)**



gatccGTGAGCGGATAACAATTTACACAGGAAACAGCTATGACCATGATTACGCCAAGCTTGACATTGATTATT  
GACTAGTTATTAATAGTAATCAATTACGGGGTCATTAGTTCATAGCCCATATATGGAGTTCCGCGTTACATAACT  
TACGGTAAATGGCCCGCTGGCTGACCGCCCAACGACCCCGCCATTGACGTCAATAATGACGTATGTTCCC  
ATAGTAACGCCAATAGGGACTTTCCATTGACGTCAATGGGTGGAGTATTTACGGTAAACTGCCCACTTGGCAG  
TACATCAAGTGTATCATATGCCAAGTACGCCCCCTATTGACGTCAATGACGGTAAATGGCCCGCTGGCATTAT  
GCCCAGTACATGACCTTATGGGACTTTCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGT  
GATGCGGTTTTGGCAGTACATCAATGGGCGTGGATAGCGGTTTGACTCACGGGGATTTCCAAGTCTCCACCC  
CATTGACGTCAATGGGAGTTTGTTTTGGCACCAAAATCAACGGGACTTTCCAAAATGTCGTAACAACTCCGC  
CCCATTGACGCAAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAGCTCCGTTTATGGTGACG  
TCAGATCGCCTGGAGACGCCATCCACGTGTTTTGACCTCCATAGAAGACACCGGGACCGATCCAGCCTCCG  
CGGCCGGGAACGGTGCATTGGAACGCGGATTCCCCGTGCCAAGAGTGACGTAAAGTACCGCCTATAGAGTCTA  
TAGGCCACCCCCCTTGGCTTCTTATGCATGCTATACTGTTTTTGGCTTGGGGTCTATACCCCCCGCTTCTCAT  
GTTATAGGTGATGGTATAGCTTAGCCTATAGGTGAGGTGATGGTACCATTATTGACCACTCCCTTATGGTGACG  
ATACTTTCCATTACTAATCCATAACATGGCTCTTTGCCACAACTCTCTTTATTGGCTATATGCCAATACACTGTC  
CTTCAGAGACTGACACGGACTCTGTATTTTTACAGGATGGGGTCTCATTTATTATTACAAATTCACATATACA  
ACACACCGTCCCCAGTGCCCGCAGTTTTTATTAAACATAACGTGGGATCTCCACGCGAATCTCGGGTACGTG  
TTCCGGAACGGTGGAGGGCAGTGTAGTCTGACGGTCTGCTTGGTGGCTGCTGCTGCCGCGCGCCACAGACATAAG  
CTGACAGACTAACAGACTGTTCCCTTTCCATGGGTCTTTTCTGCAGTCACCGTCTTGAACGgatATCCAGCAC  
AGTGGCGGCCGCTCGAGTCTAGAGGGCCCCGTTTAAACCCGCTGATCAGCCTCGACTGTGCCTTCTAGTTGCC  
AGCCATCTGTTGTTGCCCTCCCCCGTGCCCTTCTTGACCTGGAAGGTGCCACTCCCACTGTCTCTTCCCTA  
ATAAATGAGGAAATTGCATCGCATTGTCTGAGTAGGTGTCATTCTATTCTGGGGGTGGGGTGGGGCAGGA  
CAGCAAGGGGGAGGATTGGGAAGACAATAAGCAGGATGCTGGGGATGCGGTGGGCTCTATGGCTTCTGAGG  
CGGAAAGAACCAGCTGGGGCTCTAGGGGGTATCCCCACGCGCCCTGTAGCGGCGCATTAAGCGCGCGGGGT  
GTGGTGGTTACGCGCAGCGTGACCGCTACACTTGCCAGCGCCCTAGCGCCCGCTCTTTCCGCTTCTTCCCTT  
CCTTTCTCGCCACGTTCCGCGGGCTTTCCCGTCAAGCTCTAAATCGGGGGTCCCTTTAGGGTCCGATTAGT  
GCTTTTACCGCTACCTCGACCTTAAAGGACAGAATTAATATAGTTCTCAGTAGAGAACTCAAAGTTCCTATTCCGAA  
GTTCTATTCTCTAGAAAGTATAGGAACCTTCTTGGggGTTTCGACCATTGAACTGCATCGTCGCGGTGTCCCAA  
AATATGGGGATTGGCAAGAACGGAGACCTACCTTGGCCTCCGCTCAGGAACGAGTTCAAGTACTTCCAAAG  
AATGACCACAACCTCTCAGTGGAAGGTAAACAGAATCTGGTGATTATGGGTAGGAAAACCTGGTTCTCCAT  
TCTGTAGAGAACTCGACCTTAAAGGACAGAATTAATATAGTTCTCAGTAGAGAACTCAAAGTTCCTATTCCGAA  
AGGAGCTCATTTTCTTGCCAAAAGTTTGGATGATGCCTTAAGACTTATTGAACAAACCGGAATTGGCAAGTAA  
AGTAGACATGGTTTGGATAGTCGGAGGCAGTCTGTTTACCAGGAAGCCATGAATCAACCAGGCCACCTCAG  
ACTCTTTGTGACAAAGGATCATGCAGGAATTTGAAAGTGACAGTTTTTCCAGAAATTGATTTGGGGAATAT  
AAACTTCTCCAGAATACCCAGGCGTCTCTCTGAGGTCCAGGAGGAAAGGCATCAAGTATAAGTTTGAA  
GTCTACGAGAAGAAAGACTAAGtatacAACTTGTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATC  
ACAAATTTACAAATAAAGCATTTTTTTCACTGCATTCTAGTTGTGGTTTGTCCAAACTCATCAATGTATCTTAT  
CATGTCTGgtaTACCGTTCGACCTCTAGCTAGAGCTTGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAATTG  
TTATCCGCTCACAATTCACACACAACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGT  
GAGCTAACTCACTAATTTGCGTTGCGTCACTGCCCGCTTTCCAGTCGCGGAAACCTGTCTGCGTCCAGCTGCAT  
TAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGGCTATTGGGCGCTCTTCCGCTTCTCTGCTCACTGAC  
TCGCTGCGCTCGGTGCTTCCGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACA  
GAATCAGGGGATAACGCAAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGG  
CCGCGTTGTGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGA  
GGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTTCCCCCTGGAAGCTCCCTCGTGCCTCTCCTG  
TTCCGACCTGCGCTTACCGGATACCTGTCCGCCTTTCTCCCTTCGGAAGCGTGGCGCTTTCTCATAGCTC  
ACGCTGTAGGTATCTCAGTTCGGTGTAGGTGCTTCCGCTCCAAGCTGGGCTGTGTGCACGAACCCCCCGTTCA  
GCCCAGCGCTGCGCTTATCCGTAACCTATCGTCTTGAGTCCAACCCGTAAGACACGACTTATCGCCACTG  
GCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTGGTG  
GCCTAACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAA  
AAGAGTTGGTAGCTCTTGATCCGGCAAAACAAACCCGCTGGTAGCGGTGGTTTTTTTGTGTTGCAAGCAGCA  
GATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAA  
CGAAAACTCACGTTAAGGATTTTGGTCATGAGATTATCAAAAAGGATCTTACCTAGATCCTTTTAAATTA  
AAATGAAGTTTTAAATCAATCTAAAGTATATATGAGTAAAC

FIG 9A (SEQ ID NO:2)

TTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTTTCATCCATAG  
TTGCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGCTGCAATGAT  
ACCGCGAGACCCACGCTCACCGGCTCCAGATTATCAGCAATAAACAGCCAGCCGGAAGGGCCGAGCGCA  
GAAGTGGTCTGCAACTTTATCCGCCTCCATCCAGTCTATTAATTGTTGCCGGAAGCTAGAGTAAGTAGTTC  
GCCAGTTAATAGTTTGCAGCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTACGCTCGTCTGTTGGTATG  
GCTTCATTTCAGCTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCCATGTTGTGCAAAAAAGCGGTT  
AGCTCCTTCGGTCTCTCGATCGTTGTGAGAAGTAAGTTGGCCGAGTGTTATCACTCATGGTTATGGCAGCAC  
TGCATAATTTCTTACTGTCTATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGAGTACTCAACCAAGTCATTTC  
TGAGAATAGTGATGCGGCGACCGAGTTGCTCTTGCCCGGCGTCAATACGGGATAATACCGCGCCACATAGCA  
GAACTTTAAAGTGCTCATCATTGGAAAAAGTCTTCGGGGCGAAAACTCTCAAGGATCTTACCGCTGTTGA  
GATCCAGTTTCGATGTAACCCACTCGTGCACCCAACTGATCTTCAGCATCTTTTACTTTTACCAGCGTTTCTGG  
GTGAGCAAAAAACAGGAAGGCAAAATGCCGCAAAAAAGGGAATAAGGGCGACACGGAATGTTGAATACTC  
ATACCTTCCCTTTTCAATATTATTGAAGCATTTATAGCGTTTATGGCGTTTGTGCTCATGACGGGATACATTTGAATGTA  
TTTAGAAAAATAAAATAAGGGGTTCCGCGCAATTTCCTCCGAAAAAGTGCCACCTGACGTCGACGGATCGG  
GAGATCTCCCGATCCCTATGGTGCATCTCAGTACAATCTGCTCTGATGCCGATAGTTAAGCCAGTATCTGC  
TCCCTGCTTGTGTGTTGGAGGTCGCTGAGTAGTGCGCGAGCAAAATTAAGCTACAACAAGGCAAGGCTTGA  
CCGACAATTGCATGAAGAACTCTGCTTAGGGTTAGCGGTTTGGCGCTGCTTCGCGATGTACGGGCCAGATATAcg  
cgtGTGAGCGGATAACAATTTACACAGGAAACAGCTATGACCATGATTACGCCAAGCTTGACATTGATTATTG  
ACTAGTTATTAATAGTAATCAATTACGGGGTCATTAGTTTCATAGCCCATATATGGAGTTCCGCGTTACATAACTT  
ACGGTAAATGGCCCGCTGGCTGACCGCCCAACGACCCCCGCCATTGACGTCAATAATGACGTATGTTCCCA  
TAGTAACGCCAATAAGGACTTTCCATTGACGTCAATGGGTGGAGTATTTACGGTAAACTGCCCACTTGGCAGT  
ACATCAAGTGTATCATATGCCAAGTACGCCCCCTATTGACGTCAATGACGGTAAATGGCCCGCTGGCATTATG  
CCCAGTACATGACCTTATGGGACTTTCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGTG  
ATGCGGTTTTGGCAGTACATCAATGGGCGTGGATAGCGGTTTGACTCACGGGGATTTCCTAAGTCTCCACCCCA  
TTGACGTCAATGGGAGTTTGTGTTTGGCACCAAAATCAACGGGACTTTCCAAAATGTCGTAACAACTCCGCC  
CATTGACGCAATGGGCGGTAGGCGGTGACGGTGGGAGGTCTATATAAGCAGAGCTCGTTTATGTAACCGTC  
AGATCGCCTGGAGACGCCATCCACGCTGTTTTGACCTCCATAGAAGACACCGGGACCGATCCAGCCTCCGCG  
GCCGGGAACGGTGCATTGGAACGCGGATTCCCCGTGCCAAGAGTGACGTAAATACCGCCTATAGAGTCTATA  
GGCCACCCCTTGGCTTCTTATGCATGCTATACTGTTTTTGGCTTGGGGTCTATACACCCCGCTTCTCTCATG  
TTATAGGTGATGGTATAGCTTAGCCTATAGGTGTGGGTATTGACCATTATTGACCACTCCCCATTGGTGACGA  
TACTTTCCATTACTAATCCATAACATGGCTCTTTGCCACAACCTCTCTTATTGGCTATATGCCAATAACTGTCC  
TTCAGAGACTGACACGGA CTCTGTATTTTACAGGATGGGGTCTCATTTATTATTTACAAATTCACATATACAA  
CACCACCGTCCCCAGTGCCCGCAGTTTTTATTAACATAACGTGGGATCTCCACGCGAATCTCGGGTACGTGT  
TCCGGAACGGTGGAGGGCAGTGATCTGAGCAGTACTCGTTGCTGCCGCGCGCGCCACCAGACATAATAG  
CTGACAGACTAACAGACTGTTCCCTTTCCATGGGTCTTTTCTGCAGTCACCGTCCTTCACACGgctagcgttagtgccg  
cgccaagattgcccgggcaagcggggtacCCTGTGCCCTTCTAGTTGCCAGCCATCTGTTGTTTGGCCCTCCCCCTGCTTCC  
TTGACCCTGGAAGGTGCCACTCCCACTGTCTTCTCTAATAAAATGAGGAAATTGCATCGCATTGTCTGAGTA  
GGTGTCTATTCTATTCTGGGGGGTGGGGTGGGGCAGGACAGCAAGGGGGAGGATTGGGAAGACAATAGCAGG  
CATGCTGGGGATGCGGTGGGCTCTATGGGgatcCCCAGGAAGCTCCTCTGTGTCTCTATAAACCCCTAACCTCCT  
CTACTTGAGAGGACATTCCAATCATAGGCTGCCATCCACCCTCTGTGTCTCTCTGTTAATTAGGTCACTTAAA  
CAAAAAGGAAATTGGGTAGGGGTTTTTCACAGACCGCTTTCTAAGGGTAATTTTAAAATATCTGGGAAGTCC  
CTTCCACTGCTGTGTTCCAGAAAGTGTGGTAACAGGCCACAAAATGTCAACAGCAGAAACATACAAGCTGTC  
AGCTTTGCACAAGGGCCCTTTTTTTTAAATTTTATTTTATTTTATTTTGAATGGAGTCTCGACGCTCTCCCT  
TATGCGACTCCTGCATTAGGAAGCAGCCAGTAGTAGGTTGAGGCCGTTGAGCACCGCCGCCGCAAGGAATG  
GTGCATGCAAGGAGATGGCGCCCAACAGTCCCCCGGCCACGGGGCTGCCACCATACCCACGCCGAAACAA  
GCGCTCATGAGCCGAAAGTGGCGAGCCGATCTCCCCATCGGTGATGTCGGCGATATAGGCGCCAGCAACC  
GCACCTGTGGCGCCGGTGTATGCCGGCCACGATGCGTCCGGCGTAGAG

FIG. 9B (SEQ ID NO:2, cont.)